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Continuation Study

FOR FEDERAL EMPLOYEES

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FALL AND SPRING
SEMESTERS

1943



1944

UNITED STATES
DEPARTMENT OF AGRICULTURE
GRADUATE SCHOOL

August 1, 1943

COURSES OFFERED

This is merely a partial list of courses offered in the fall and spring semesters. For complete details about the School and about courses

Write For

The 1943-44

ANNOUNCEMENT OF THE GRADUATE SCHOOL

Use Form on Page 8

Please Do Not Telephone

The Announcement Will Give You Complete Information

	Fall	Spring
Registration opens	September 6	January 3
Classes begin	September 27	January 31

Note: Courses in light-face type are offered cooperatively by the American University

BIOLOGICAL SCIENCES

FALL SEMESTER ONLY

Land Management Ecology (Graham)	Tu-Th	6-7:30	\$18
Plant Physiology (Greathouse)	Th	5-7	\$14
Diseases of Wildlife (Coburn)	M	6-8	\$14
Some Fundamentals of Landscape Design (Mulford)	F	6-8	\$12

YEAR COURSES (*Credit Each Semester*)

Genetics (Ellinger)	M	7-10	\$21 a sem.
Medical and Veterinary Entomology (Bishopp)	Tu	6-8	\$14 a sem.
Systematic Botany (S. F. Blake)	M	6-8	\$12 a sem.

FALL AND SPRING (*One Semester Courses*)

Food, Nutrition, and Health (Callison)	Th	6-8	\$12
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SPRING SEMESTER ONLY

Plant Biophysics (Greathouse)	Th	5-7	\$14
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ENGINEERING AND MECHANICAL ARTS

FALL SEMESTER ONLY

Basic Mechanical Drawing (Ediek)	Tu-Th	6-8	\$20
Introduction to Textile Technology (Sokoloff)	M-W	8-9:30	\$18
Electric and Gas Utility Rates (Zinder, Caine)	Th	7:30-9:30	\$14
Manufacturing Industries and Their Use of Energy (Warner, Thompson)	M	7:30-9:30	\$14

YEAR COURSES (*Credit Each Semester*)

Naval Architecture (Wright)	Tu	6-8	\$12 a sem.
Ship Construction (Wright)	Th	6-8	\$12 a sem.
Aerodynamics (Koneczny)	M	6-8	\$12 a sem.
Airplane Stress Analysis (Koneczny)	Tu	6-8	\$12 a sem.
Surveying (Schlatter)	Tu-Th	6-8	\$24 a sem.
Interior Decoration (Garrels)	Sec. I	W 6-7; Sec. II	Tu 8:30-9:30 \$6 a sem.

Glass Blowing (Clark) M-W 6-7:30 \$18 a sem.
Water Power Engineering (Ross) M-W 6-7:30 \$21 a sem.
Electric Utility Engineering (Jessel, Lynott) Tu 7:30-9:30
\$14 a sem.
Original Cost Accounting for Electric and Gas Utilities
(Smith, Rainwater) M 7:30-10:30 \$18 a sem.
Public Utility Evidence (McAllister, Gatchell) W 7:30-10:30
\$21 a sem.

FALL AND SPRING (*One Semester Courses*)

Aircraft Power Plants (Briggs, etc.) Th 6-8 \$12
Pencil Sketching and Freehand Drawing (Cadmus) M-W
6-8 \$15
Basic Photography (Hanson) M 6-8 \$12
Public Power (Blalock, King, etc.) Tu 7:30-9:30 \$14

SPRING SEMESTER ONLY

Architectural Drafting (Edick) Tu-Th 6-8 \$20
Mechanical Drafting (Edick) Tu-Th 6-8 \$20
Textile Design and Fabric Development (Sokoloff) M-W
8-9:30 \$18

LANGUAGES AND LITERATURE

FALL SEMESTER ONLY

Editing (Merrill) M-W 6-7:30 \$18
Fundamentals of Speech (Provensen) Tu 6-8 \$12
Advanced Public Speaking (Provensen) Th 6-8 \$12
Advanced Diction for Executives (Oliver) F 6-8 \$14
Technical Italian (Maiolatesi) F 6-8 \$12
Conversational Russian (Bensin) Th 6-8 \$12

YEAR COURSES (*Credit Each Semester*)

Composition and Rhetoric (Harman) Th 6-8 \$12 a sem.
Workshop in Government Radio Programs (Millson) M
6-9 \$18 a sem.
Elementary Arabic (Tannous) Th 6-8 \$12 a sem.
Elementary Chinese (Tsiang) Tu-Th 6-8 \$24 a sem.
Intermediate Chinese (Tsiang) Tu-Th 8-10 \$24 a sem.
Elementary Duteh (Kuyper) Th 6-8 \$12 a sem.
Elementary Czech (Marsalka) Tu-Th 6-7:30 \$18 a sem.
Intermediate Czech (Marsalka) W-F 6-7:30 \$18 a sem.
Elementary French (Humphrey) M-W 6-7:30 \$18 a sem.
Intermediate French (Humphrey) F 6-9 \$18 a sem.
Conversational French (—) Tu 6-9 \$18 a sem.
Elementary German (Leineweber) M 6-9 \$18 a sem.
Elementary Hindi (Gogate) M 6-9 \$18 a sem.
Elementary Italian (Maiolatesi) Tu-Th 6-7:30 \$18 a sem.
Intermediate Italian (Maiolatesi) W 6-9 \$18 a sem.
Elementary Japanese (Yoshioka) Tu-Th 6-7:30 \$18 a sem.
Intermediate Japanese (Yoshioka) M-W 6-7:30 \$18 a
sem.
Technical Japanese (Yoshioka) F 6-9 \$18 a sem.
Elementary Malay (Tsiang) F 6-9 \$18 a sem.
Elementary Polish (Braunstein) M 6-9 \$18 a sem.
Intermediate Polish (Braunstein) F 6-9 \$18 a sem.
Elementary Portuguese (d'Eca) Tu-Th 6-7:30 \$18 a sem.
Elementary Russian (Preveden) M 6-9 or Tu 6-9 \$18 a
sem.
Intermediate Russian (Saharov) W 6-9 \$18 a sem.
Spanish Conversation and Literature (Lassalle) Th 6-8
\$12 a sem.
Commercial Spanish (Lever) F 6-9 \$18 a sem.

FALL AND SPRING (*One Semester Courses*)

Descriptive English Grammar (Harman) M 6-8 \$12
Creative Writing (Wing) Th 6-8 \$12
Writing for Official Purposes (Chew) F 6-8 \$12

Writing of Documented Papers (Humphrey)	Th 6-8	\$14
Voice and Remedial Speech (Hutcheson)	Tu 6-8	\$15
Personal Development (Provensen)	W 6-8	\$12
German Translation (Braunstein)	W 6-9	\$18
Elementary Spanish (1st half)	Sec. I M 6-8	\$12 (Olds);
	Sec. II Tu 8-10	\$12 (Sainz); Sec. III W 6-8
		\$12 (Olds, Johnston)
Elementary Spanish (2nd half)	Sec. I M 6-8	\$12 (Russell);
	Sec. II W 6-8	\$12 (Sainz)
Intermediate Spanish (1st half)	(Nichols) F 6-8	\$12
The Classics (To be announced)	Tu 8-10	\$15

SPRING SEMESTER ONLY

Effective Speaking (Provensen)	Tu 6-8	\$12
Principles of Persuasion (Oliver)	F 6-8	\$14
Intermediate Portuguese (d'Eca)	M-W 6-7:30	\$18
Elementary Russian (2nd half)	(Preveden) Th 6-9	\$18
Technical Russian (Bensin)	F 6-8	\$12
Intermediate Spanish (2nd half)	(Nichols) W 6-8	\$12

OFFICE TECHNIQUES AND OPERATIONS

FALL SEMESTER ONLY

Federal Purchasing Procedure (S. A. Snyder)	W 6-7	\$6
Secretarial Practices (Hattery)	Tu 6-8	\$12
Shorthand in Spanish (Bauer)	Tu 6:30-8:30	\$12

YEAR COURSES (*Credit Each Semester*)

Auditing Procedure (Cruikshank)	M 6-8	\$12 a sem.
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FALL AND SPRING (*One Semester Courses*)

Administrative Procedure (Hickey, Evans)	Sec. I Tu 6-8	
	Sec. II F 6-8	\$12
Administrative Procedure (Gordon) (For CAF-5 or above)	F 6-8	\$12
Federal Auditing Procedure (Cruikshank, Kyttle)	Tu 6-8	
	\$12	
Federal Accounting Procedure (W. D. Patrick, Grant)	Tu 6-8	\$12
Office Management (Braum)	F 6-8	\$12
Federal Personnel Procedure (Mohagen)	F 6-8	\$12
Federal Communications and Records Management (Donaldson, Miller, C. T. Smith)	Tu-F 6-7:30	\$12
Practical English Usage (Williams)	Tu 6-8	\$12
Vocabulary Building (Pease)	M 6-8	\$12
Government Letter Writing (Samson)	Tu 6-8	\$12
Beginning Gregg (Functional) (Lamb)	Sec. I M-Tu-Th 6-7	
	\$18; Sec. II M-Tu-Th 7-8	\$18
Beginning Gregg (Manual) (Evans)	Sec. I Tu-W-F 6-7	
	\$18; Sec. II Tu-W-F 7-8	\$18
Intermediate Gregg (Functional) (A. Patrick)	Sec. I M-Tu-Th 7-8	
	\$18; Sec. II M-Tu-Th 8-9	\$18
Gregg, 70 to 100 Words (Coffman)	Tu 6-8	\$12
Pitman, 70 to 100 Words (Barry)	Tu 6-8	\$12
Gregg, 100 to 130 Words (A. Patrick)	W 6:30-8:30	\$12
Pitman, 100 to 130 Words (Barry)	F 6-8	\$12
Reporting—Gregg, 150 to 175 Words (Romagna)	M-W 7-8	
	\$12	
Multilith Press Operation (Harbin)	Tu 6:30-9:30	\$10
Photostat Operation (Purdy)	M-W 6-8:30	\$10

SPRING SEMESTER ONLY

Advanced Reporting—Gregg, 175 Words and Up (Romagna)	M-W 7-8:30	\$12
Workshop in Effective Government Writing (White)	M 6-8	\$12
Advanced Secretarial Practices (Coffman)	Th 6-8	\$12
Advanced Shorthand in Spanish (Bauer)	Tu 6:30-8:30	
	\$12	

MATHEMATICS AND STATISTICS

FALL SEMESTER ONLY

Algebra (Graves) M 6-8	\$12
Vector Analysis (Littauer) Tu 7:30-9:30	\$14
Statistical Clinic (Blake, etc.) Tu 8-10	\$14
Introduction to Experimental Design (Pope) M 4:45-6:45	
\$18	
Methods of Applied Statistics (Deming) Th 7-10	\$21
Planning of Statistical Surveys (Hauser) Tu 8-10	\$14
Techniques of Interviewing, and Questionnaire Construction (Likert, Cannell) Tu 7-9	\$14
Labor Statistics (Perlman) Th 8:20-10:30	\$30

YEAR COURSES (*Credit Each Semester*)

Advanced Calculus (Winston) W 8-10	\$14 a sem.
Intermediate Algebra (Finan) F 6-8	\$14 a sem.
Seminar in Sampling and Statistical Inference (Deming)	
monthly; no fee; no credit	
Statistics for Beginners (Jaffe) Th 6-8	\$12 a sem.
Graphic Correlation (Bean, Smithies) W 8-10	\$14 a sem.
Theory of Sample Surveys (Madow, Hurwitz) W 8-10	\$14 a sem.
Theory of Sampling (Cornfield, Evans) F 6-8	\$14 a sem.
Multivariate Analysis (Girshick) M 7-9	\$14 a sem.
Psychometric Methods and Theory (Richardson) F 6:30-8:30	\$14 a sem.

FALL AND SPRING (*One Semester Courses*)

Review of Mathematics (Schell) Tu 6-9	\$18
Operation of Statistical Studies (Staudt, etc.) W 7-10	\$21
Survey of Statistics (Steinberg, Hoeber) Th 6:30-9:30	\$18
Graphic Methods for Presenting of Statistical Data (Hainsworth) M 6-9	\$12
Introduction to Statistical Analysis (a) (Purves) Th 6-8	\$12
Introduction to Statistical Analysis (b) (Tepping, Staudt) W 6-8	\$12
Machine Tabulation (Kaufman) W 7-9	\$9
Punch Card Tabulation Procedures (McPherson) Th 6:30-8:30	\$9
Advanced Study of Tabulating Equipment (Kaufman) F 7-9	\$9
Sampling in Social and Economic Surveys (Frankel, Stock) Th 6:15-9:15	\$21

SPRING SEMESTER ONLY

Trigonometry and Analytic Geometry (Graves) M 6-8	
\$12	
Coordinate Geometry and Vectors (Littauer) Tu 7:30-9:30	
\$14	
Interpolation, Approximation, and Mechanical Quadrature (Shohat) Day and hour to be announced	\$7
Introduction to Mathematical Statistics (Deming) Th 7-10	\$21
Processing of Sample and Complete Surveys (Hauser) Tu 8-10	\$14

PHYSICAL SCIENCES

FALL SEMESTER ONLY

Principles of Physical Metallurgy (Loring) W 8-10	\$12
Production Metallurgy (Loring) M 6-8	\$14
Soil Conservation (Steele) F 6-8	\$12
Soil Fertility (Ableiter) W-F 6-7:30	\$18
Comparative Meteorology and Oceanography (Jacobs) W 6-8	\$12
Hydrology (F. F. Snyder) F 6-8	\$12
Introduction to Hydrodynamics (Garstens) F 6-8	\$14

YEAR COURSES (*Credit Each Semester*)

History of Science (Heyl) W 7-9	\$12 a sem.
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- General (Inorganic) Chemistry** (Carter) F 6-8 \$12 a sem.
Organic Chemistry (Bowen) Th 6-8 \$12 a sem.
Physical Chemistry (Hamer) Tu 6-8 \$12 a sem.
Physiological Chemistry (Calvery) W 6-8 \$14 a sem.
Electrochemistry (Hamer) F 6-8 \$14 a sem.
Electrical Oscillations (Cohen) Tu 6-8 \$14 a sem.
Heaviside's Electrical Circuit Theory (Cohen) Th 6-8
\$14 a sem.
Principles of Meteorology (DeMots) M 6-8 \$12 a sem.
Elementary Synoptic Weather Analysis (Showalter, Rowe)
W 6-9 \$18 a sem.
Physical and Synoptic Meteorology (Shands) M 6-8 \$12
a sem.
Introduction to Dynamic Meteorology (Garstens) W 6-9
\$18 a sem.
Weather Analysis and Forecasting (Showalter, Pierce) Tu
6-9 and Th 6-7 \$24 a sem.
Introductory College Physics (Kennard) Tu-F 6:30-8:30
\$21 a sem.

FALL AND SPRING (*One Semester Courses*)

- Navigation** (Lokerson) F 6:30-9:30 \$18
Piloting (Hann) Tu 7:30-10:30 \$18

SPRING SEMESTER ONLY

- Advanced Physical Metallurgy** (Loring) W 8-10 \$14
Engineering Alloys (Loring) M 8-10 \$14
Advanced Hydrology (F. F. Snyder) Th 6-8 \$12
Soils: Their Morphology, Genesis, and Classification
(Kellogg) Tu-Th 6-7:30 \$21

PUBLIC ADMINISTRATION

FALL SEMESTER ONLY

- Psychology of Management** (Likert) W 6-8 \$14
Organizational and Procedural Analysis (Pois) F 6-8 \$14
Psychological Aspects of Personnel Administration
(Knight, Tiffin) Tu 6:30-8:30 \$14
Seminar in Federal Position Classification (Buckley) F
6-8 \$14
Tests and Measurements in Personnel Administration
(Richardson, Kuder) F 6:30-8:30 \$14
Legal Aspects of Investigations—Criminal Evidence and
Procedure (Koebel) W 6-8 \$14
Employee Counseling (McGowan) Tu 7-9 \$14
Federal Employee Relations (Palmer) W 6:30-8:30 \$14
Advanced Safety Administration (Cameron) 8 wks. Tu
6-8 \$7
Organizing Agency Training Programs (Hall, Henderson)
F 6-8 \$14
Principles of Public Relations (Wall) Tu 8-10 \$14
Budgetary and Financial Administration—Budget For-
mulation (Jump, Wheeler, etc.) Th 6-8 \$14
Cost Accounting (Bachmann) Tu 6:30-9:30 \$21
Federal Tax Accounting (To be announced) Th 6-9 \$21

YEAR COURSES (*Credit Each Semester*)

- Administrative Law and Procedure** (Sellers, Nutting) W
6-8 \$14 a sem.
Second Year Accounting (Fisher) M 6-9 \$18 a sem.

FALL AND SPRING (*One Semester Courses*)

- Introduction to Public Administration** (Shipman) W-F
6-7:30 \$18
Federal Administrative Management (Van Dyke, Stewart)
W 6:30-8:30 \$14
Personnel Administration (Tisdale) M 6-8 \$14
Personnel Administration (Kroeger) (For CAF-7 or above)
M 6-8 \$14
Federal Position Classification (Hill) F 6-8 \$14

- Federal Position Classification** (Stahl) (For CAF-7 or above) M 6:30-8:30 \$14
Advanced Federal Position Classification (Buckley, Findlay) M 6-8 \$14
Selection and Placement (McLean) Tu 6:30-9:30 \$21
Principles of Accounting—1st half (Rowe, Brownold) M-W 6-7; Lab. M 7-9 \$18
Principles of Accounting—2nd half (McShea) Tu-Th 6-7; Lab. Tu 7-9 \$18
Federal Government Accounting (Quigley) W 6-9 \$18
Accounting Systems of the United States Government (Bartelt) Tu 8:20-10:30 \$30

SPRING SEMESTER ONLY

- Management and the Worker in the Public Service** (Stewart) M 6:30-8:30 \$14
Science of Management (Schubach) Th 6-8 \$14
Advanced Organizational and Procedural Analysis (Pois) F 6-8 \$14
Media and Methods in Public Relations (Wall) Tu 8-10 \$14
Budgetary and Financial Administration—Budget Execution (Jump, Lewis, etc.) Th 6-8 \$14
Governmental Purchasing (Snyder, Knudsen) F 6-8 \$14
Government War Contracts (Nutting, etc.) Tu 6-8 \$14
Auditing (Bachmann) Tu 6-9 \$21
Mathematics of Finance (Rowe) Tu-Th 6-7:30 \$21

SOCIAL SCIENCES

FALL SEMESTER ONLY

- Consumer Cooperation** (Tereshtenko) Tu 6-8 \$14
International Financial and Trade Policies (Zaglits) Th 6-8 \$14
Welfare Aspects of Economic Policy (Waugh, Been) Th 6-8 \$14
Seminar: The Economics of Nations of Latin America (Sarle) Tu-Th 6-7:30 \$21
Department of Agriculture—Origin, Structure, Functions (Harding) W 6-8 \$12
Governmental Services in Marketing (Newell) W 6-8 \$14
Land Economics (V. W. Johnson) Tu-Th 6-7:30 \$21
Organized Labor and the Law (Ziskind) 18 wks. M 8-10:30 \$21
Labor and the War Program (Ziskind) 18 wks. W 8-10:30 \$21
Postwar Economic Problems (Wermel) M 6-8 \$14
Economic Geography (Whipple) M-W 6-7:30 \$21
Economic Geography of Europe (Whipple) F 6-8 \$14
Problems in Government and Administration (Latham) W 6-8 \$14
World Politics (Gewehr) Tu 6-8 \$14
Contemporary Political Thought (Viton) Tu 6-8 \$14
Government and Economic Structure, Britain and Empire (Viton) W 6-8 \$14
Conditions of Personality Growth (Knight) Tu 6:30-8:30 \$12
The Orient (Gogate) Tu 6-8 \$14
The Middle East (Tannous) M 6-8 \$14
Rural Community Organization (Loomis, Ensminger) M 7:30-9:30 \$14
Public Finance and Taxation (Mann) F 6:10-8:20 \$30
Business Cycles and Monetary Theory (Mann) Tu 6:10-8:20 \$30
Corporation Finance (To be announced) Tu 8:20-10:30 \$30
Introduction to Social Security (Weigert) W 6:10-8:20 \$30
The Future of Social Security (Weigert) Th 6:10-8:20 \$30
Population Trends: Analysis-Interpretation (Lorimer) F 6:10-8:20 \$30
Industrial Organization and Public Policy (Edwards) W 6:10-8:20 \$30
Business Law (Young) Tu 6:10-8:20 \$30

YEAR COURSES (*Credit Each Semester*)

- Principles of Economics** (Thomson) Tu-Th 6-7:30 \$18 a sem.
History of Economic Thought (Wasserman) M-W 6-7:30 \$21 a sem.
Economics of Imperfect Competition (Wermel) 18 wks. W 6:30-9 \$21 a sem.
The Philippines (Ruiz) M 6-8 \$14 a sem.
Latin America (Taylor, Loomis, T. L. Smith) M 6-8 \$14 a sem.
La América Latina y Los Estados Unidos (Green) M 8-10 \$14 a sem.
Economic Theory (Piquet) Th 8:20-10:30 \$30 a sem.
Contemporary Economic Thought (Piquet) Th 6:10-8:20 \$30 a sem.

FALL AND SPRING (*One Semester Courses*)

- Principles of Transportation** (Snell) Tu 6-9 \$18
Freight Rates (Wilson, Gruber) M 6-9 \$21
Wartime Transportation Problems (Miller) W 6-8 \$14
Traffic Management (Wilson) Th 6-9 \$21
Basic Problems—Transportation, Communication (Homberger) Th 6:10-8:20 \$30
Money and Banking (Mann) M 8:20-10:30 \$30
Labor and the Economic Order (Peck) W 6:10-8:20 \$30

SPRING SEMESTER ONLY

- Economic Warfare** (Wasserman) Tu-Th 6-7:30 \$18
Research Methodology in Economics (Wermel) M 6-8 \$14
Price Analysis (Thomsen) M-W 6-7:30 \$21
War and Postwar Food Policy (Waugh, Allen) Th 6-8 \$14
Agricultural Cooperation (Fetrow, Hedges) Tu 6-8 \$14
Comparative World Agriculture (Whipple) Tu-Th 6-7:30 \$21
Marketing Regulatory Activities—Department of Agriculture (Newell) W 6-8 \$14
Warehousing (Austin) Tu 6-8 \$14
Seminar: Land Economics Research (V. W. Johnson) Tu 6-8 \$14
Farm Labor Problems (Ham) M-W 6-7:30 \$21
Labor and Social Legislation (Ziskind) 18 wks. M 8-10:30 \$21
Settlement of Labor Disputes (Ziskind) 18 wks. W 8-10:30 \$21
Problems of International Organization (Viton) W 6-8 \$14
Problems of Nationalism—East and West (Gogate) W 6-8 \$14
Social Psychology (Taylor, Bell, Raper) Tu 6-8 \$14
The Southwest Pacific (Tsiang) W 6-8 \$14
The Far East (Gewehr) Th 6-8 \$14
The Balkans (Whipple) F 6-8 \$14
Economic Geography, Transportation—Latin America (Homberger) M 8:20-10:30 \$30

The Graduate School, Department of Agriculture
Washington 25, D. C.

Please send me your 1943-44 ANNOUNCEMENT.

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